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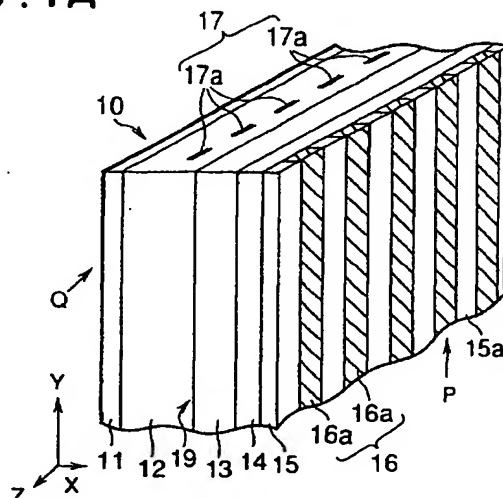
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(54) Method and device for recording and reading a radiation image using solid state radiation detectors

(57) With a detector 10 with which a first electrode layer 11, a photoconductive layer for recording, 12, exhibiting conductivity when irradiated with recording light L1, a charge transporting layer 13 acting roughly as a conductor for transported charges opposite in polarity to the latent image charges, a photoconductive layer for reading, 14, exhibiting conductivity when irradiated with reading light L2, and an electrode layer 15 having a

stripe electrode are stacked together, a sub-electrode 17, a number of elements 17a of which are each located just above an element 16a, being disposed so that they are opposed to each other, is provided in the vicinity of a charge storing section 19 in the photoconductive layer for recording, 12. In recording, a specified control voltage is applied to the sub-electrode 17 from a power supply 73. In reading, the current flowing out from each element 17a of the sub-electrode 17 is detected.

FIG. 1A



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 6762

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IntCl.7)
X	EP 0 898 421 A (FUJI PHOTO FILM CO LTD) 24 February 1999 (1999-02-24) * column 3, line 38 - column 4, line 13 * * column 7, line 20 - column 12, line 35 * * column 17, line 10 - column 20, line 17 * * column 27, line 52 - column 35, line 44 * * figures 1,11,13,15 *	1,4,6-9, 11,13	601T1/24 601T1/29
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			TECHNICAL FIELDS SEARCHED (IntCl.7)
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The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>6 September 2002</b>	Examiner <b>Coda, R</b>
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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